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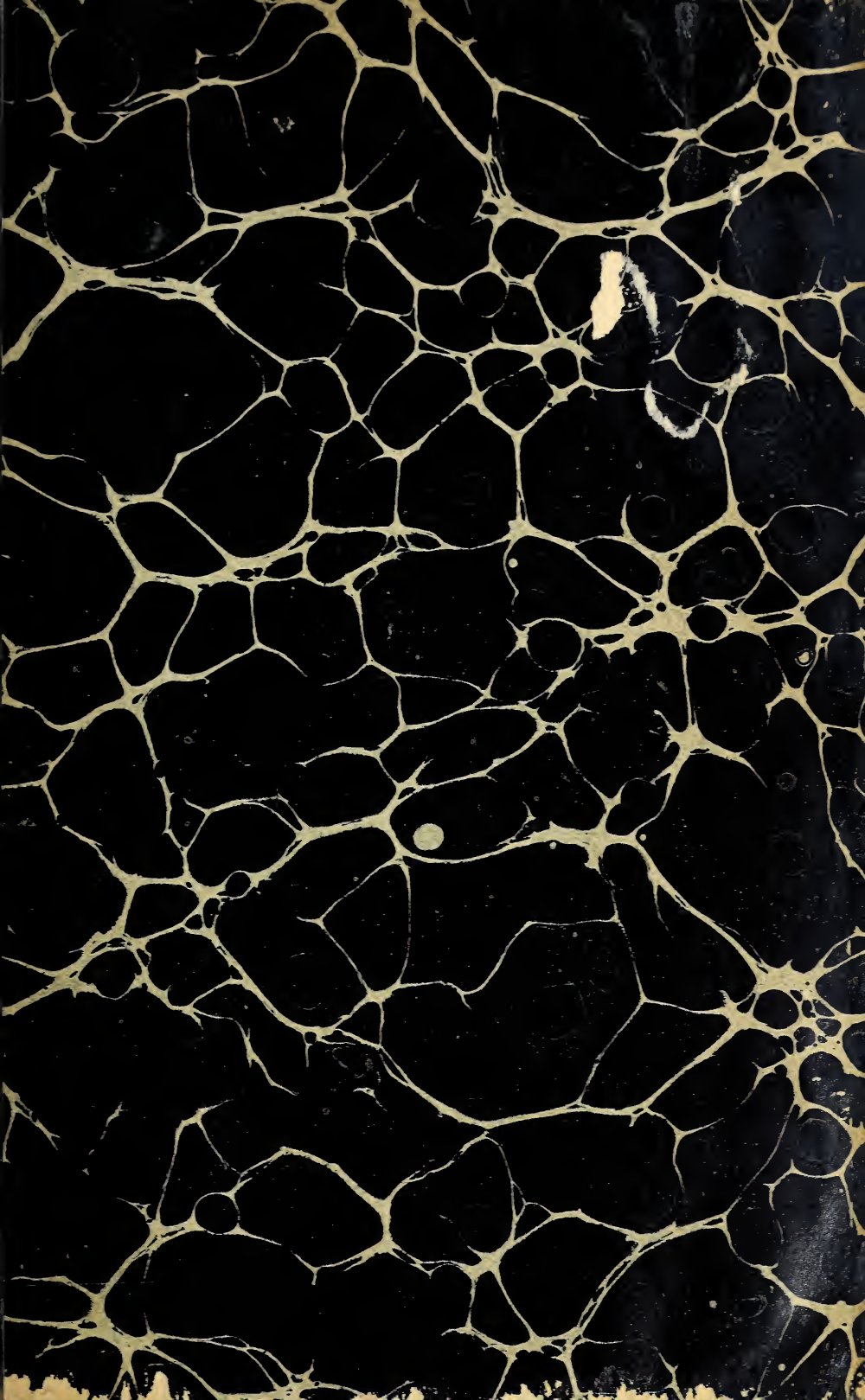
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[PUBLIC—No. 430.]

[H. R. 28283.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and fourteen.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and fourteen, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, \$12,000; Assistant Secretary of Agriculture, \$5,000; solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary of Agriculture, \$2,500; stenographer and executive clerk to the Secretary of Agriculture, \$2,250; private secretary to the Assistant Secretary of Agriculture, \$1,600; stenographer to the Assistant Secretary of Agriculture, \$1,400; one appointment clerk, \$2,000; one chief of supply division, \$2,000; one inspector, \$2,750; one law clerk, \$3,000; two law clerks, at \$2,500 each; six law clerks, at \$2,250 each; one law clerk, \$2,200; eight law clerks, at \$2,000 each; four law clerks, at \$1,800 each; three law clerks, at \$1,600 each; one special agent on exhibits, \$3,000; one telegraph and telephone operator, \$1,600; three clerks, class four; six clerks, class three; nine clerks, class two; eighteen clerks, class one; eight clerks, at \$1,000 each; six clerks, at \$900 each; one clerk, \$840; fourteen messengers or laborers, at \$840 each; ten assistant messengers or laborers, at \$720 each; one chief engineer, \$2,000; one assistant chief engineer, \$1,400; one assistant engineer, \$1,200; two assistant engineers, at \$1,000 each; seven firemen, at \$720 each; eight elevator conductors, at \$720 each; one construction inspector, \$1,400; five cabinetmakers or carpenters, at \$1,200 each; two cabinetmakers or carpenters, at \$1,100 each; eight cabinetmakers or carpenters, at \$1,020 each; two cabinetmakers or carpenters, at \$900 each; one electrician, \$1,100; one electrical wireman, \$1,000; one electrical wireman, \$900; two electrician's helpers, at \$720 each; two painters, at \$1,000 each; two painters, at \$900 each; five plumbers or steam fitters, at \$1,020 each; one plumber's helper, \$840; two plumber's helpers, at \$720 each; one blacksmith, \$900; one lieutenant of the watch, \$1,000; thirty-four watchmen, at \$720 each; five mechanics, at \$1,200 each; two skilled laborers, at \$960 each; one janitor, \$900; eighteen assistant messengers, messenger boys, or laborers, at \$600 each; twenty-one laborers, messenger boys, or charwomen, at \$480 each; one charwoman, \$540; eight charwomen, at \$240 each; for extra labor and emergency employments, \$14,000.

Total for Office of the Secretary, \$303,820.

WEATHER BUREAU.

SALARIES, WEATHER BUREAU: One chief of bureau, \$6,000; one assistant chief of bureau, \$3,250; one chief clerk and executive assistant, \$3,000; one chief of printing division, \$2,500; three chiefs of division, at \$2,000 each; seven clerks, class four; nine clerks, class three; twenty-one clerks, class two; thirty clerks, class one; twenty-two clerks, at \$1,000 each; nine clerks, at \$900 each; five copyists or typewriters, at \$900 each; one telegraph operator, \$1,200; two assistant foremen of division, at \$1,600 each; one lithographer, \$1,500; three lithographers, at \$1,200 each; six compositors, at \$1,250 each; fourteen printers, at \$1,200 each; eleven printers, at \$1,000 each; four folders and feeders, at \$720 each; one chief mechanic, \$1,400; five skilled mechanics, at \$1,200 each; seven skilled mechanics, at \$1,000 each; one skilled mechanic, \$840; one skilled mechanic, \$720; six skilled artisans, at \$840 each; one engineer, \$1,300; one fireman and steam fitter, \$840; six firemen, at \$720 each; one captain of the watch, \$1,000; one electrician, \$1,200; one gardener, \$840; two repairmen, at \$840 each; eight repairmen, at \$720 each; four watchmen, at \$720 each; seventeen messengers, messenger boys, or laborers, at \$720 each; six messengers, messenger boys, or laborers, at \$660 each; thirty-one messengers, messenger boys, or laborers, at \$600 each; eighty-seven messengers, messenger boys, or laborers, at \$480 each; five messengers, messenger boys, or laborers, at \$450 each; twentieth-seven messenger boys, at \$360 each; one charwoman, \$360; three charwomen, at \$240 each; in all \$325,860.

CONTINGENT EXPENSES, WEATHER BUREAU: For fuel, lights, repairs, and other expenses for the care and preservation of the public buildings and grounds and the improvement of the existing public buildings of the Weather Bureau in the city of Washington; for stationery and blank books, furniture and repairs to same, and freight and express charges; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for in the city of Washington, \$25,000.

GENERAL EXPENSES, WEATHER BUREAU: For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies or on adjacent coasts, in the Hawaiian Islands, and in Bermuda, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and for every expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For the employment of professors of meteorology, inspectors, district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, repairmen, station agents, messengers, messenger boys, laborers, and other necessary employees, \$590,500;

For fuel, gas, electricity, freight and express charges, furniture, stationery, and all other necessary supplies and miscellaneous expenses, \$106,500;

For instruments, shelters, apparatus, storm-warning towers, and repairs thereto, \$43,500;

For rent of offices and repairs and improvements to buildings now completed and located outside of the District of Columbia, and care and preservation of grounds, including construction of necessary out-buildings and sidewalks on public streets abutting Weather Bureau grounds, \$100,000;

For official traveling expenses, \$24,500;

For telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service, \$306,000;

For the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines, \$4,000;

For investigations in climatology and evaporation, including the erection of temporary buildings for living quarters for observers, for river, rain, snow, ice, crop, evaporation, aerial, storm, hurricane, and other observations, warnings, and reports, and for pay of special observers and display men, \$120,000;

For the maintenance of a printing office in the city of Washington, including the purchase of necessary supplies and materials for printing weather maps, bulletins, circulars, forms, and other publications, and for pay of additional assistant foremen, proof readers, compositors, pressmen, lithographers, and folders and feeders, when necessary, \$16,750;

For the acquisition of sites outside of the District of Columbia and the erection thereon of two buildings for use as Weather Bureau observatories, to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$45,000;

Hereafter officials and employees of the Weather Bureau, when transferred from one station to another for official duty, shall be allowed all traveling expenses authorized by existing laws applicable to said bureau, notwithstanding any changes in appointments that may be required by such transfers;

In all, for general expenses, \$1,356,750.

Total for Weather Bureau, \$1,707,610.

BUREAU OF ANIMAL INDUSTRY.

SALARIES, BUREAU OF ANIMAL INDUSTRY: One chief of bureau, \$5,000; one chief clerk, \$2,500; one editor and compiler, \$2,250; six clerks, class four; one clerk, \$1,680; twelve clerks, class three; two clerks, at \$1,500 each; twenty-two clerks, class two; two clerks, at \$1,380 each; three clerks, at \$1,320 each; one clerk, \$1,300; one clerk, \$1,260; thirty-nine clerks, class one; one clerk, \$1,100; one clerk, \$1,080; fifty clerks, at \$1,000 each; two clerks, at \$960 each; sixty-four clerks, at \$900 each; one architect, \$2,000; one architect, \$900; one illustrator, \$1,400; four inspector's assistants, at \$1,000 each; twelve inspector's assistants, at \$840 each; one laboratory assistant, \$1,200; two laboratory assistants, at \$900 each; one

laboratory helper, \$1,020; two laboratory helpers, at \$840 each; one laboratory helper, \$720; one laboratory helper, \$600; one laboratory helper, \$480; one instrument maker, \$1,200; one carpenter, \$1,100; two carpenters, at \$1,000 each; one messenger and custodian, \$1,200; one messenger and custodian, \$1,000; nine messengers, skilled laborers, or laborers, at \$840 each; ten messengers, skilled laborers, or laborers, at \$720 each; twenty-three messengers, messenger boys, or laborers, at \$480 each; six messengers or messenger boys, at \$360 each; one skilled laborer, \$1,000; thirty-three skilled laborers, at \$900 each; two skilled laborers, at \$840 each; seven skilled laborers, at \$720 each; one skilled laborer or laborer, \$780; two laborers or messengers, at \$660 each; nine laborers, messengers, or messenger boys, at \$600 each; three laborers, messengers or messenger boys, at \$540 each; one watchman, \$720; one charwoman, \$600; one charwoman, \$540; eleven charwomen, at \$480 each; four charwomen, at \$360 each; one charwoman, \$300; two charwomen, at \$240 each; in all, \$359,250.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes: *Provided*, That hereafter all the provisions of the said Act approved March third, nineteen hundred and five, shall apply to any railroad company or other common carrier, whose road or line forms any part of a route over which cattle or other live stock are transported in the course of shipment from any quarantined State or Territory of the District of Columbia, or from the quarantined portion of any State or Territory or the District of Columbia, into any other State or Territory or the District of Columbia; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation," and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analo-

gous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best: to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon, the inspection work relative to the existence of contagious diseases and the tuberculin and mallein testing of animals, \$654,000: *Provided*, That of this sum not less than \$75,000 shall be set aside for demonstrating the best method of preventing and eradicating hog cholera:

For all necessary expenses for the eradication of southern cattle ticks, \$325,000: *Provided, however*, That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations: nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry:

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated butter factories and markets, \$177,900;

For all necessary expenses for investigations and experiments in animal husbandry, \$52,180;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$78,680;

That from and after July first, nineteen hundred and thirteen, it shall be unlawful for any person, firm, or corporation to prepare, sell, barter, or exchange in the District of Columbia, or in the Territories, or in any place under the jurisdiction of the United States, or to ship or deliver for shipment from one State or Territory or the District of Columbia to any other State or Territory or the District of Columbia, any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product intended for use in the treatment of domestic animals, and no person, firm, or corporation shall prepare, sell, barter, exchange, or ship as aforesaid any virus, serum, toxin, or analogous product manufactured within the United States and intended for use in the treatment of domestic animals, unless and until the said virus, serum, toxin, or analogous product shall have been prepared, under and in compliance with regulations prescribed

by the Secretary of Agriculture, at an establishment holding an unsuspended and unrevoked license issued by the Secretary of Agriculture as hereinafter authorized. That the importation into the United States, without a permit from the Secretary of Agriculture, of any virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and the importation of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, are hereby prohibited. The Secretary of Agriculture is hereby authorized to cause the Bureau of Animal Industry to examine and inspect all viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, which are being imported or offered for importation into the United States, to determine whether such viruses, serums, toxins, and analogous products are worthless, contaminated, dangerous, or harmful, and if it shall appear that any such virus, serum, toxin, or analogous product, for use in the treatment of domestic animals, is worthless, contaminated, dangerous, or harmful, the same shall be denied entry and shall be destroyed or returned at the expense of the owner or importer. That the Secretary of Agriculture be, and hereby is, authorized to make and promulgate from time to time such rules and regulations as may be necessary to prevent the preparation, sale, barter, exchange, or shipment as aforesaid of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and to issue, suspend, and revoke licenses for the maintenance of establishments for the preparation of viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, intended for sale, barter, exchange, or shipment as aforesaid. The Secretary of Agriculture is hereby authorized to issue permits for the importation into the United States of viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, which are not worthless, contaminated, dangerous, or harmful. All licenses issued under authority of this Act to establishments where such viruses, serums, toxins, or analogous products are prepared for sale, barter, exchange, or shipment as aforesaid, shall be issued on condition that the licensee shall permit the inspection of such establishments and of such products and their preparation; and the Secretary of Agriculture may suspend or revoke any permit or license issued under authority of this Act, after opportunity for hearing has been granted the licensee or importer, when the Secretary of Agriculture is satisfied that such license or permit is being used to facilitate or effect the preparation, sale, barter, exchange, or shipment as aforesaid, or the importation into the United States of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals. That any officer, agent, or employee of the Department of Agriculture duly authorized by the Secretary of Agriculture for the purpose may, at any hour during the daytime or nighttime, enter and inspect any establishment licensed under this Act where any virus, serum, toxin, or analogous product for use in the treatment of domestic animals is prepared for sale, barter, exchange, or shipment as aforesaid. That any person, firm, or corporation who shall violate any of the provisions of this Act shall be deemed guilty of a misdemeanor, and shall, upon conviction, be punished by a fine of not exceeding

\$1,000 or by imprisonment not exceeding one year, or by both such fine and imprisonment, in the discretion of the court. That there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, to be expended as the Secretary of Agriculture may direct, for the purposes and objects of this Act, the sum of \$25,000, which appropriation shall become available on July first, nineteen hundred and thirteen, and may be expended at any time before July first, nineteen hundred and fourteen;

For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, \$16,500;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$40,186;

For all necessary expenses for experiments in the feeding and breeding of ostriches and for investigations and experiments in the study of the ostrich industry, \$2,500;

In all, for general expenses, \$1,371,946.

And hereafter the Secretary of Agriculture is authorized to prepare and sell at cost such pathological and zoological specimens as he may deem of scientific or educational value to scientists or others engaged in the work of hygiene and sanitation: *Provided*, That all moneys received from the sale of such specimens shall be deposited in the Treasury as miscellaneous receipts.

COOPERATIVE EXPERIMENTS IN ANIMAL FEEDING AND BREEDING: For experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including the repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, and the experiments in the breeding of horses for military purposes, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$100,000.

MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY: For additional expenses in carrying out the provisions of the meat-inspection act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes at Large, page six hundred and seventy-four), there is hereby appropriated for the fiscal year ending June thirtieth, nineteen hundred and fourteen, the sum of \$200,000.

Total for Bureau of Animal Industry, \$2,031,196.

BUREAU OF PLANT INDUSTRY.

SALARIES, BUREAU OF PLANT INDUSTRY: One physiologist and pathologist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,750; one executive assistant in seed distribution, \$2,500; one officer in charge of publications, \$2,250; one landscape gardener, \$1,800; one officer in charge of records, \$2,100; one superintendent of seed weighing and mailing, \$2,000; one executive clerk, \$2,250; three executive clerks, at \$1,980 each; one assistant superintendent of seed warehouse, \$1,400; one seed inspector, \$1,000; nine clerks, class four; eleven clerks, class three; two clerks, at \$1,500 each; seventeen clerks, class two; forty-nine clerks, class one; one clerk, \$1,080; nine clerks, at \$1,020 each; thirty-one clerks, at \$1,000 each;

fifty-one clerks, at \$900 each; twenty-four clerks, at \$840 each; fifteen clerks, at \$720 each; twenty-eight messengers, or laborers, at \$720 each; eleven messengers, messenger boys, or laborers, at \$660 each; twenty messengers, messenger boys, or laborers, at \$600 each; one artist, \$1,620; one clerk or artist, \$1,200; one assistant in illustrations, \$840; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$900; one laboratory aid, \$1,440; one laboratory aid, \$1,380; three laboratory aids, at \$1,200 each; one laboratory aid, \$1,080; two laboratory aids, at \$1,020 each; five laboratory aids, at \$840 each; eight laboratory aids, at \$720 each; six laboratory aids, at \$600 each; one laboratory apprentice, \$720; two map tracers, at \$720 each; one map tracer, \$600; two gardeners, at \$1,440 each; four gardeners, at \$1,200 each; eight gardeners, at \$1,100 each; fifteen gardeners, at \$900 each; nineteen gardeners, at \$780 each; one skilled laborer, \$960; one skilled laborer, \$900; three skilled laborers, at \$840 each; one assistant in technology, \$1,400; one assistant in technology, \$1,380; one mechanical assistant, \$1,200; one blacksmith, \$900; one carpenter, \$900; one painter, \$900; one teamster, \$840; one teamster, \$600; nineteen laborers, at \$540 each; twenty-four laborers, messengers, or messenger boys, at \$480 each; five laborers or charwomen, at \$480 each; two laborers or charwomen, at \$360 each; two laborers, at \$420 each; eight charwomen, at \$240 each; eight messenger boys, at \$360 each; three messenger boys, at \$300 each; in all, \$427,690.

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases, including diseases of ginseng, and pathological collections, \$30,000;

For the control of diseases of orchard and other fruits, \$40,675;

For the control of diseases of forest and ornamental trees and shrubs, \$29,510;

For the control of diseases of cotton, truck, and forage crops, and related plants, \$25,000;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$33,380;

For soil-bacteriology and plant-nutrition investigations, \$30,000;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, \$38,000;

For drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations, \$50,000;

For crop technological and fiber plant investigations, \$10,010;

For investigating the ginning, handling, grading, baling, and wrapping of cotton, and the establishment of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, \$46,120: *Provided*, That of the sum thus appropriated, \$10,000 is to be used for testing the waste, tensile strength, and bleaching qualities of the different grades of cotton as standardized by the Government;

For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, \$65,000;

For biophysical investigations in connection with the various lines of work herein authorized, \$20,000;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, \$26,000;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, \$104,925: *Provided*, That not less than \$30,000 shall be set aside for the study of corn improvement and methods of corn production;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$31,630;

For the investigation and improvement of forage crops and methods of forage-crop production, \$25,000;

For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,840;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$19,280;

For the investigation and improvement of sugar-producing plants including their utilization and culture, \$38,595;

For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, \$22,000;

To investigate and encourage the adoption of improved methods of farm management and farm practice, and for farm demonstration work, \$375,000: *Provided*, That of the amount hereby appropriated the sum of \$8,800 may be used in the investigation and utilization of cacti and other dry-land plants as food for stock;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, \$375,000;

For the investigation and improvement of methods of crop production under semiarid or dry-land conditions, \$130,000: *Provided*, That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph;

For studying methods of clearing off "logged-off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, \$5,000;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, \$75,000;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, \$92,000;

To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, \$11,690;

For horticultural investigations, including the study of producing, handling, shipping, and marketing truck and related crops, including the continuance of the potato and sugar-beet seed work provided for in the agricultural Act of August tenth, nineteen hundred and twelve (Thirty-seventh Statutes at Large, page three hundred and one), and the study of landscape and vegetable gardening, floriculture, and related subjects, \$50,960: *Provided*, That of this amount \$10,000 may be used to investigate the diseases, cultivation, and acclimating of potatoes, and the development of improved and disease-resistant types thereof;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred, \$15,000;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$83,000;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$35,690;

In all, for general expenses, \$1,944,305.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS: For purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$296,000, of which amount not less than \$257,000 shall be allotted for congressional distribution. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds

suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided, also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided, also*, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: *And provided also*, That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants: *Provided further*, That \$39,000 of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used for the purchase and distribution of drought-resistant field seeds through the Great Plains area and other dry-land sections of the United States.

Total for Bureau of Plant Industry, \$2,667,995.

FOREST SERVICE.

SALARIES, FOREST SERVICE: One Forester, who shall be chief of bureau, \$5,000; one administrative assistant, \$2,000; one forest supervisor, \$2,700; one forest supervisor, \$2,600; five forest supervisors, at \$2,400 each; twenty forest supervisors, at \$2,200 each; forty-eight forest supervisors, at \$2,000 each; sixty-six forest supervisors, at \$1,800 each; ten forest supervisors, at \$1,600 each; four

deputy forest supervisors, at \$1,700 each; twenty-seven deputy forest supervisors, at \$1,600 each; thirty-one deputy forest supervisors, at \$1,500 each; eighteen deputy forest supervisors, at \$1,400 each; two forest rangers, at \$1,500 each; twenty-one forest rangers, at \$1,400 each; seventy-eight forest rangers, at \$1,300 each; two hundred and eighty-six forest rangers, at \$1,200 each; six hundred and ninety assistant forest rangers, at \$1,100 each; one property auditor \$1,800; one clerk, \$2,100; three clerks, at \$2,000 each; thirteen clerks, at \$1,800 each; twenty-five clerks, at \$1,600 each; nine clerks, at \$1,500 each; seventeen clerks, at \$1,400 each; six clerks, at \$1,300 each; seventy-seven clerks, at \$1,200 each; fifty-nine clerks, at \$1,100 each; fifty-one clerks, at \$1,020 each; thirty clerks, at \$960 each; one hundred and twenty-eight clerks, at \$900 each; two clerks, at \$840 each; one game warden, \$1,400; one game warden, \$1,200; one compiler, \$1,800; one draftsman, \$2,000; three draftsmen, at \$1,600 each; two draftsmen, at \$1,500 each; six draftsmen, at \$1,400 each; four draftsmen, at \$1,300 each; eight draftsmen, at \$1,200 each; two draftsmen, at \$1,100 each; three draftsmen, at \$1,020 each; one draftsman, \$960; four draftsmen, at \$900 each; one artist, \$1,400; one artist, \$1,000; three map colorists, at \$900 each; one map colorist, \$720; one photographer, \$1,600; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$1,100; one lithographer, \$1,200; one lithographer's helper, \$780; one machinist, \$1,260; one carpenter, \$1,200; two carpenters, at \$1,000 each; one carpenter, \$960; one electrician, \$1,020; one laboratory aid and engineer, \$900; three laboratory assistants, at \$900 each; one laboratory assistant, \$800; one laboratory helper, \$720; one laboratory helper, \$600; one packer, \$1,000; one packer, \$780; four watchmen, at \$840 each; one messenger or laborer, \$960; three messengers or laborers, at \$900 each; four messengers or laborers, at \$840 each; three messengers or laborers, at \$780 each; four messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; five messengers or laborers, at \$600 each; two messengers or laborers, at \$540 each; three messengers or messenger boys, at \$480 each; three messengers or messenger boys, at \$420 each; twelve messengers or messenger boys, at \$360 each; one apprentice boy, \$480; one charwoman, \$540; one charwoman, \$480; one charwoman, \$300; eleven charwomen, at \$240 each; in all, \$2,239,560.

GENERAL EXPENSES, FOREST SERVICE: To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650: *And provided further*, That no part of the appropriation made by this Act shall be used for the construction, repair, maintenance or use of buildings or improvements made for forest-ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands

prior to the date of the establishment of the forest reservation in which the homestead lands are situated, without the consent of the homesteader; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, \$7,425;
 Alamo National Forest, New Mexico, \$4,400;
 Angeles National Forest, California, \$16,774;
 Apache National Forest, Arizona, \$8,610;
 Arapaho National Forest, Colorado, \$18,080;
 Arkansas National Forest, Arkansas, \$17,910;
 Ashley National Forest, Utah and Wyoming, \$7,668;
 Battlement National Forest, Colorado, \$7,380;
 Beartooth National Forest, Montana, \$7,020;
 Beaverhead National Forest, Montana and Idaho, \$10,585;
 Bighorn National Forest, Wyoming, \$12,105;
 Bitterroot National Forest, Montana, \$13,531;
 Blackfeet National Forest, Montana, \$21,981;
 Black Hills National Forest, South Dakota, \$11,312;
 Boise National Forest, Idaho, \$12,373;
 Bonneville National Forest, Wyoming, \$5,255;
 Bridger National Forest, Wyoming, \$4,200;
 Cabinet National Forest, Montana, \$11,241;
 Cache National Forest, Utah and Idaho, \$9,920;
 California National Forest, California, \$13,863;
 Caribou National Forest, Idaho and Wyoming, \$6,146;
 Carson National Forest, New Mexico, \$19,260;
 Cascade National Forest, Oregon, \$12,179;
 Challis National Forest, Idaho, \$7,015;
 Chelan National Forest, Washington, \$9,130;
 Chiricahua National Forest, Arizona and New Mexico, \$6,905;
 Chugach National Forest, Alaska, \$22,530;
 Clearwater National Forest, Idaho, \$15,827;

Cleveland National Forest, California, \$16,329;
Cochetopa National Forest, Colorado, \$8,204;
Coconino National Forest, Arizona, \$13,813;
Coeur d'Alene National Forest, Idaho, \$40,337;
Colorado National Forest, Colorado, \$8,734;
Columbia National Forest, Washington, \$13,867;
Colville National Forest, Washington, \$12,174;
Coronado National Forest, Arizona, \$11,485;
Crater National Forest, Oregon and California, \$20,000;
Crook National Forest, Arizona, \$5,240;
Custer National Forest, Montana, \$6,486;
Dakota National Forest, North Dakota, \$835;
Datil National Forest, New Mexico, \$20,960;
Deerlodge National Forest, Montana, \$16,893;
Deschutes National Forest, Oregon, \$12,260;
Dixie National Forest, Utah and Arizona, \$4,777;
Durango National Forest, Colorado, \$8,685;
Eldorado National Forest, California and Nevada, \$13,086;
Fillmore National Forest, Utah, \$2,210;
Fishlake National Forest, Utah, \$6,376;
Flathead National Forest, Montana, \$27,116;
Florida National Forest, Florida, \$7,665;
Fremont National Forest, Oregon, \$12,400;
Gallatin National Forest, Montana, \$6,161;
Gila National Forest, New Mexico, \$14,460;
Gunnison National Forest, Colorado, \$10,952;
Harney National Forest, South Dakota, \$8,808;
Hayden National Forest, Wyoming and Colorado, \$7,525;
Helena National Forest, Montana, \$11,420;
Holy Cross National Forest, Colorado, \$9,060;
Humboldt National Forest, Nevada, \$4,330;
Idaho National Forest, Idaho, \$8,485;
Inyo National Forest, California and Nevada, \$8,839;
Jefferson National Forest, Montana, \$11,394;
Jemez National Forest, New Mexico, \$13,480;
Kaibab National Forest, Arizona, \$4,840;
Kaniksi National Forest, Idaho and Washington, \$36,916;
Kansas National Forest, Kansas, \$3,117;
Kern National Forest, California, \$18,172;
Klamath National Forest, California, \$29,643;
Kootenai National Forest, Montana, \$27,846;
La Sal National Forest, Utah and Colorado, \$5,775;
Lassen National Forest, California, \$16,774;
Leadville National Forest, Colorado, \$9,037;
Lemhi National Forest, Idaho, \$5,895;
Lewis and Clark National Forest, Montana, \$10,614;
Lincoln National Forest, New Mexico, \$5,617;
Lolo National Forest, Montana, \$20,104;
Luquillo National Forest, Porto Rico, \$3,961;
Madison National Forest, Montana, \$9,606;
Malheur National Forest, Oregon, \$13,260;
Manti National Forest, Utah, \$11,578;
Manzano National Forest, New Mexico, \$1,600;
Marquette National Forest, Michigan, \$1,170;

Medicine Bow National Forest, Wyoming, \$17,429;
 Michigan National Forest, Michigan, \$2,417;
 Minam National Forest, Oregon, \$4,930;
 Minnesota National Forest, Minnesota, \$6,560;
 Minidoka National Forest, Idaho and Utah, \$3,680;
 Missoula National Forest, Montana, \$9,941;
 Moapa National Forest, Nevada, \$860;
 Modoc National Forest, California, \$10,950;
 Mono National Forest, Nevada and California, \$7,047;
 Monterey National Forest, California, \$2,787;
 Montezuma National Forest, Colorado, \$8,802;
 Nebo National Forest, Utah, \$1,654;
 Nebraska National Forest, Nebraska, \$5,000: *Provided*, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April twenty-eighth, nineteen hundred and four;
 Nevada National Forest, Nevada, \$7,410;
 Nez Perce National Forest, Idaho, \$14,619;
 Ochoco National Forest, Oregon, \$9,800;
 Okanogan National Forest, Washington, \$15,900;
 Olympic National Forest, Washington, \$16,130;
 Oregon National Forest, Oregon, \$17,600;
 Ozark National Forest, Arkansas, \$15,893;
 Palisade National Forest, Idaho and Wyoming, \$8,173;
 Paulina National Forest, Oregon, \$12,770;
 Payette National Forest, Idaho, \$16,522;
 Pecos National Forest, New Mexico, \$12,200;
 Pend Oreille National Forest, Idaho, \$15,449;
 Pike National Forest, Colorado, \$16,862;
 Plumas National Forest, California, \$24,607;
 Pocatello National Forest, Idaho and Utah, \$1,483;
 Powell National Forest, Utah, \$2,586;
 Prescott National Forest, Arizona, \$4,780;
 Rainier National Forest, Washington, \$14,400;
 Rio Grande National Forest, Colorado, \$10,976;
 Routt National Forest, Colorado, \$10,265;
 Ruby National Forest, Nevada, \$3,583;
 Saint Joe National Forest, Idaho, \$45,324;
 Salmon National Forest, Idaho, \$12,169;
 San Isabel National Forest, Colorado, \$5,655;
 San Juan National Forest, Colorado, \$8,450;
 Santa Barbara National Forest, California, \$11,407;
 Santa Rosa National Forest, Nevada, \$2,180;
 Santiam National Forest, Oregon, \$12,627;
 Sawtooth National Forest, Idaho, \$5,535;
 Selway National Forest, Idaho, \$14,695;
 Sequoia National Forest, California, \$15,821;
 Sevier National Forest, Utah, \$3,760;
 Shasta National Forest, California, \$19,240;
 Shoshone National Forest, Wyoming, \$7,905;
 Sierra National Forest, California, \$24,721;

Sioux National Forest, South Dakota and Montana, \$6,895;
 Siskiyou National Forest, Oregon and California, \$16,530;
 Sitgreaves National Forest, Arizona, \$6,200;
 Siuslaw National Forest, Oregon, \$10,260;
 Snoqualmie National Forest, Washington, \$17,460;
 Sopris National Forest, Colorado, \$7,426;
 Stanislaus National Forest, California, \$16,601;
 Sundance National Forest, Wyoming, \$3,711;
 Superior National Forest, Minnesota, \$9,092;
 Tahoe National Forest, California and Nevada, \$18,567;
 Targhee National Forest, Idaho and Wyoming, \$8,861;
 Teton National Forest, Wyoming, \$6,760;
 Toiyabe National Forest, Nevada, \$9,770;
 Tongass National Forest, Alaska, \$23,260;
 Tonto National Forest, Arizona, \$5,495;
 Trinity National Forest, California, \$24,266;
 Tusayan National Forest, Arizona, \$15,261;
 Uinta National Forest, Utah, \$5,585;
 Umatilla National Forest, Oregon, \$12,400;
 Umpqua National Forest, Oregon, \$12,240;
 Uncompahgre National Forest, Colorado, \$10,900;
 Wallowa National Forest, Oregon, \$9,460;
 Wasatch National Forest, Utah, \$3,200;
 Washakie National Forest, Wyoming, \$3,900;
 Washington National Forest, Washington, \$13,130;
 Weiser National Forest, Idaho, \$10,460;
 Wenaha National Forest, Washington and Oregon, \$10,060;
 Wenatchee National Forest, Washington, \$11,330;
 White River National Forest, Colorado, \$10,267;
 Whitman National Forest, Oregon, \$19,400;
 Wichita National Forest, Oklahoma, \$3,800, and not to exceed
 \$2,000 may be expended in the erection of a headquarters building;
 Wyoming National Forest, Wyoming, \$7,170;
 Zuni National Forest, New Mexico and Arizona, \$3,734;

Additional national forests created or to be created under section eleven of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$57,590;

That the Secretary of Agriculture is hereby directed and required to select, classify, and segregate, as soon as practicable, all lands within the boundaries of national forests that may be opened to settlement and entry under the homestead laws applicable to the national forests, and the sum of \$100,000 is hereby appropriated for the purposes aforesaid: *Provided*, That not to exceed \$35,000 of this sum may be expended under the direction of the Secretary of Agriculture for the examination, survey, and platting of certain lands now listed or to be listed within national forests chiefly valuable for agriculture and describing such lands by metes and bounds, as required by the act of June eleventh, nineteen hundred and six (Thirty-fourth Statute, page two hundred and thirty-three), and the act of March third, eighteen hundred and ninety-nine (Thirtieth Statute, page ten hundred and ninety-five), and hereafter such surveys, and the plats and field notes thereof, shall be made by employees of the Forest

Service, to be designated by the United States surveyor general, and such surveys and the plats and field notes thereof shall be approved by the United States surveyor general: *Provided further*, That any unexpended balance of an appropriation of \$35,000 to be expended "under the direction of the Secretary of Agriculture for survey and listing of lands within the Forest reserves chiefly valuable for agriculture and describing the same by metes and bounds or otherwise," and so forth, provided by the Act of August tenth, nineteen hundred and twelve, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and thirteen," be, and the same is, hereby continued and made available for and during the fiscal year ending June thirtieth, nineteen hundred and fourteen, for the purpose of this appropriation;

For fighting and preventing forest fires and for other unforeseen emergencies, \$150,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$160,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing and the testing of such woods as may require test to ascertain if they be suitable for making paper, and for other investigations and experiments to promote economy in the use of forest products, \$140,000;

For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$25,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640: *Provided*, That the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase without advertisements for proposals, whenever in his discretion such method is most economical and in the public interest, and when the cost thereof will not exceed \$500;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$83,728;

For market and other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$40,160;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That hereafter the Secretary of Agriculture, whenever he may deem it necessary for the protection of the national forests from fire, may permit the use of timber free of charge for the construction of telephone lines: *Provided further*, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance

of the works, aims, and objects specified and authorized in and by this appropriation: *And provided also*, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

That hereafter an additional ten per centum of all moneys received from the national forests during each fiscal year shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part;

In all, for general expenses, \$3,160,119.

Not to exceed fifteen per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.

That hereafter the Secretary of Agriculture is authorized to reimburse owners of horses, vehicles, and other equipment lost, damaged, or destroyed while being used for necessary fire fighting, trail, or official business, such reimbursement to be made from any available funds in the appropriation to which the hire of such equipment is properly chargeable.

That hereafter the employees of the Forest Service who are assigned to permanent duty in Alaska may, in the discretion of the Secretary of Agriculture, without additional expense to the Government, be granted leave of absence not to exceed thirty days in any one year, which leave may, in exceptional and meritorious cases where such an employee is ill, be extended, in the discretion of the Secretary of Agriculture, not to exceed thirty days additional in any one year.

Total for Forest Service, \$5,399,679.

BUREAU OF CHEMISTRY.

SALARIES, BUREAU OF CHEMISTRY: One chemist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,000; one supervising clerk, \$2,500; one executive clerk, \$2,000; seven clerks, class four; nine clerks, class three; one clerk, \$1,440; twelve clerks, class two; one clerk, \$1,300; eighteen clerks, class one; thirteen clerks, at \$1,020 each; eleven clerks, at \$1,000 each; twenty-two clerks, at \$900 each; one clerk, \$840; one chief food and drug inspector, \$3,000; one food and drug inspector, \$2,250; thirteen food and drug inspectors, at \$2,000 each; thirteen food and drug inspectors, at \$1,800 each; one food and drug inspector, \$1,620; eleven food and drug inspectors, at \$1,600 each; four food and drug inspectors, at \$1,400 each; four laboratory helpers, at \$1,200 each; one laboratory helper, \$1,020;

four laboratory helpers, at \$1,000 each; four laboratory helpers, at \$960 each; two laboratory helpers, at \$900 each; six laboratory helpers, at \$840 each; two laboratory helpers, at \$780 each; twenty laboratory helpers, messengers, or laborers, at \$720 each; two laboratory helpers, messengers, or laborers, at \$660 each; twenty-six laboratory helpers, messenger boys, or laborers, at \$600 each; one laboratory assistant, \$1,200; one tool maker, \$1,200; one sampler, \$1,200; one janitor, \$1,020; one student assistant, \$300; two messengers, at \$840 each; one skilled laborer, \$1,050; one skilled laborer, \$840; two messenger boys or laborers, at \$540 each; eight messenger boys or laborers, at \$480 each; three messenger boys or laborers, at \$420 each; one messenger boy or laborer, \$360; six charwomen, at \$240 each; in all, \$273,860.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collating and reporting the results of such investigations, and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

For conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, \$65,000;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$40,000;

For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, \$4,280;

In all, for general expenses, \$109,280.

ENFORCEMENT OF THE FOOD AND DRUGS ACT: For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia, \$675,000.

Total for Bureau of Chemistry, \$1,058,140.

BUREAU OF SOILS.

SALARIES, BUREAU OF SOILS: One soil physicist, who shall be chief of bureau, \$4,000; one chief clerk, \$2,000; one executive assistant, \$2,000; three clerks, class four: two clerks, class three; four clerks, class two; one clerk, \$1,260; eight clerks, class one: four clerks, at \$1,000 each; three clerks, at \$900 each; one soil cartographer, \$1,800; one soil bibliographer, \$1,400; one photographer, \$1,200; four draftsmen, at \$1,200 each; one draftsman, \$1,000; one messenger, \$840; three messengers, messenger boys, or laborers, at \$480 each; one laborer, \$600; one laborer, \$300; one charwoman or laborer, \$480; in all, \$53,620.

GENERAL EXPENSES, BUREAU OF SOILS: For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$18,135:

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$11,265:

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$27,200:

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, \$25,000:

For the investigation of soils and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$175,000;

For the examination and classification of agricultural lands in forest reserves in cooperation with the Forest Service, \$20,000;

For general administrative expenses connected with the above-mentioned lines of investigation, \$3,800;

In all, for general expenses, \$280,400.

Total for Bureau of Soils, \$334,020.

BUREAU OF ENTOMOLOGY.

SALARIES, BUREAU OF ENTOMOLOGY: One entomologist, who shall be chief of bureau, \$4,500; one executive assistant, \$2,250; one chief clerk, \$1,800; two clerks, class four: three clerks, class three; six clerks, class two; five clerks, class one: six clerks, at \$1,000 each; one

superintendent of moth work, \$2,750; one entomological assistant, \$1,800; two entomological draftsmen, at \$1,400 each; one entomological draftsman, \$1,080; four foremen, at \$1,080 each; two entomological preparators, at \$840 each; one entomological preparator, \$720; six entomological preparators, at \$600 each; one messenger, \$840; two messengers or laborers, at \$720 each; one mechanic, \$840; one laborer, \$540; two charwomen, at \$480 each; one charwoman, \$240: in all, \$60,960.

GENERAL EXPENSES, BUREAU OF ENTOMOLOGY: For the promotion of economic entomology: for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$45,000;

For investigations of insects affecting cereal and forage plants, including insects affecting wheat, corn, oats, rye, barley, alfalfa, clover, and so forth, \$90,000, of which amount not to exceed \$10,000 shall be expended for the investigation of the range caterpillar;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the Argentine ant, \$50,000;

For investigations of insects affecting forests, \$44,750;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$35,000;

For investigations in bee culture, \$15,000;

For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth, \$21,500;

For investigations of the Mediterranean fly in the United States, its Territories and possessions, \$35,000;

For investigations of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, the importation and exchange of useful insects, and experiments with insecticides and insecticide machinery, \$45,000;

In all, for general expenses, \$381,250.

PREVENTING SPREAD OF MOTHS: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$300,000.

Total for Bureau of Entomology, \$742,210.

BUREAU OF BIOLOGICAL SURVEY.

SALARIES, BUREAU OF BIOLOGICAL SURVEY: One biologist, who shall be chief of bureau, \$3,500; one chief clerk, \$1,800; one assistant in game preservation, \$2,250; two clerks, class three; three clerks, class two; four clerks, class one; three clerks, at \$1,000 each; two clerks, at \$900 each; one messenger, \$720; one photographer, \$1,300; one game warden, \$1,200; one draftsman, \$900; one messenger, messenger boy, or laborer, \$480; one laborer, \$600; one charwoman, \$240; in all, \$29,990.

GENERAL EXPENSES BUREAU OF BIOLOGICAL SURVEY: For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," \$16,000;

For the maintenance of the Montana National Bison Range and other reservations under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section eighty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

For the establishment and maintenance of a winter elk refuge in the State of Wyoming, \$5,000, to be available until expended, and the Secretary of Agriculture is hereby authorized to include in said refuge and to inclose not more than one thousand acres of unoccupied public lands, which when selected shall be made to conform to the lines of the public surveys, and shall be adjacent to or partly inclosed by said refuge;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying noxious animals, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, \$60,000, of which sum \$15,000 shall be used for the destruction of ground squirrels on the national forests;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, \$15,000;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal

bureaus, departments, boards, and commissions, on request from them, \$14,000;

All wild geese, wild swans, brant, wild ducks, snipe, plover, woodcock, rail, wild pigeons, and all other migratory game and insectivorous birds which in their northern and southern migrations pass through or do not remain permanently the entire year within the borders of any State or Territory, shall hereafter be deemed to be within the custody and protection of the Government of the United States, and shall not be destroyed or taken contrary to regulations hereinafter provided therefor.

The Department of Agriculture is hereby authorized and directed to adopt suitable regulations to give effect to the previous paragraph by prescribing and fixing closed seasons, having due regard to the zones of temperature, breeding habits, and times and line of migratory flight, thereby enabling the department to select and designate suitable districts for different portions of the country, and it shall be unlawful to shoot or by any device kill or seize and capture migratory birds within the protection of this law during said closed seasons, and any person who shall violate any of the provisions or regulations of this law for the protection of migratory birds shall be guilty of a misdemeanor and shall be fined not more than \$100 or imprisoned not more than ninety days, or both, in the discretion of the court.

The Department of Agriculture, after the preparation of said regulations, shall cause the same to be made public, and shall allow a period of three months in which said regulations may be examined and considered before final adoption, permitting, when deemed proper, public hearings thereon, and after final adoption shall cause the same to be engrossed and submitted to the President of the United States for approval: *Provided, however,* That nothing herein contained shall be deemed to affect or interfere with the local laws of the States and Territories for the protection of nonmigratory game or other birds resident and breeding within their borders, nor to prevent the States and Territories from enacting laws and regulations to promote and render efficient the regulations of the Department of Agriculture provided under this statute.

There is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, for the purpose of carrying out these provisions, the sum of \$10,000.

In all, for general expenses, \$141,000.

Total for Bureau of Biological Survey, \$170,990.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS: One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the department, \$4,000; one assistant chief of division, \$2,750; one chief of office of accounts and fiscal agent, \$2,500; seven district fiscal agents, at \$2,000 each; one supervising auditor, \$2,250; one auditor, \$2,000; one cashier and chief clerk, \$2,250; one deputy disbursing clerk, \$2,000; two accountants and bookkeepers, at \$2,000 each; two clerks, class four; twelve clerks, class three; seventeen clerks, class two; nine clerks, class one; four clerks, at \$1,000 each; five clerks, at \$900 each; one custodian of

records and files, \$1,400; one messenger, \$720; one messenger or messenger boy, \$600.

Total for Division of Accounts and Disbursements, \$104,370.

DIVISION OF PUBLICATIONS.

SALARIES, DIVISION OF PUBLICATIONS: One editor, who shall be chief of division, \$3,250; one editor, who shall be assistant chief of division, \$2,500; one chief clerk, \$2,000; two assistant editors, at \$2,000 each; four assistant editors, at \$1,800 each; one assistant editor, \$1,600; one assistant editor, \$1,400; one assistant editor in charge of indexing, \$2,000; one indexer, \$1,400; one assistant in charge of illustrations, \$2,100; one draftsman or photographer, \$1,600; one draftsman or photographer, \$1,500; one draftsman or photographer, \$1,400; one draftsman or photographer, \$1,300; six draftsmen or photographers, at \$1,200 each; one assistant photographer, \$900; one assistant in charge of document section, \$2,000; one assistant in document section, \$1,800; one foreman, miscellaneous distribution, \$1,500; one forewoman, \$1,400; one clerk, class three; eight clerks, class one; fourteen clerks, at \$1,000 each; forty clerks, at \$900 each; twenty-one clerks, at \$840 each; one skilled laborer, \$900; nine skilled laborers, at \$840 each; four skilled laborers, at \$780 each; sixteen skilled laborers, at \$720 each; one chief folder, \$1,000; two folders, at \$900 each; one skilled laborer, \$1,100; one skilled laborer, \$1,000; two messengers, at \$840 each; two messengers, at \$720 each; three messengers or messenger boys, at \$600 each; two messengers or messenger boys, at \$480 each; two messengers or messenger boys, at \$420 each; two messengers or messenger boys, at \$360 each; one laborer, \$840; one laborer, \$600; four charwomen, at \$480 each; three charwomen, at \$240 each; in all \$166,410.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, including necessary supplies, \$1,500;

For envelopes, stationery, and materials, \$6,000;

For office furniture and fixtures, \$1,000;

For photographic equipment and for photographic materials and artists' tools and supplies, \$6,000;

For telephone and telegraph service and freight and express charges, \$250;

For wagons, bicycles, horses, harness, and maintenance of the same, \$500;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$3,000;

In all, for general expenses, \$18,250.

Total for Division of Publications, \$184,660.

BUREAU OF STATISTICS.

SALARIES, BUREAU OF STATISTICS: One statistician, who shall be chief of bureau, \$4,000; one assistant statistician, who shall be assistant chief of bureau, \$2,500; one chief clerk, \$1,800; six clerks, class

four; nine clerks, class three; twelve clerks, class two; two clerks, at \$1,300 each; seventeen clerks, class one; seventeen clerks, at \$1,000 each; twenty-one clerks, at \$900 each; two messengers, at \$840 each; two messengers or laborers, at \$720 each; two messengers, messenger boys, or laborers, at \$660 each; one messenger or messenger boy, \$480; one charwoman, \$540; two charwomen, at \$360 each; in all, \$115,380.

GENERAL EXPENSES, BUREAU OF STATISTICS: For all necessary expenses for collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports, and for special investigations and compilations, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, \$24,700;

Salaries and traveling and other necessary expenses of special field agents, \$68,900;

Salaries and traveling and other necessary expenses of State statistical agents, \$32,200;

Traveling and other necessary expenses of official and special investigators, \$2,500;

In all, for general expenses, \$128,300.

Total for Bureau of Statistics, \$243,680.

LIBRARY, DEPARTMENT OF AGRICULTURE.

SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE: One librarian, \$2,000; one clerk, class three; one clerk, class two; two clerks, class one, one of whom shall be a translator; six clerks, at \$1,000 each; five clerks, at \$900 each; one clerk, \$840; two cataloguers, at \$1,200 each; three cataloguers, at \$1,000 each; one messenger, \$720; two messengers or messenger boys, at \$600 each; one messenger, messenger boy, or laborer, \$480; one charwoman, \$480; in all, \$27,020.

GENERAL EXPENSES, LIBRARY: For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, \$16,500.

Total for Library, \$43,520.

CONTINGENT EXPENSES.

CONTINGENT EXPENSES, DEPARTMENT OF AGRICULTURE: For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on im-

ported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$106,066: *Provided*, That of this amount not exceeding \$1,000 may be used for the purchase of an oil painting of Honorable James Wilson, former Secretary of the Department of Agriculture, which portrait shall not be accepted until it shall have been approved by the Commission of Fine Arts.

RENT IN THE DISTRICT OF COLUMBIA.

RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE: For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:

For Bureau of Animal Industry, \$2,220;

For Bureau of Plant Industry, \$26,420;

For Forest Service, \$25,075;

For Bureau of Chemistry, \$17,320;

For Bureau of Soils, \$306;

For Division of Publications, \$5,000;

For Office of Solicitor, \$2,160;

For Office of Experiment Stations, \$5,000;

For Office of Public Roads, \$3,500;

For additional rent in cases of emergency for any bureau, division, or office of the department, \$11,328;

In all, \$98,329.

OFFICE OF EXPERIMENT STATIONS.

SALARIES, OFFICE OF EXPERIMENT STATIONS: One director, \$4,500; one chief clerk, \$2,000; one computer, \$2,000; one draftsman, \$1,920; one clerk and proof reader, \$1,800; one editorial clerk, \$1,600; one editorial clerk, \$1,400; one editorial clerk, \$1,200; one draftsman, \$1,200; one clerk or draftsman, \$900; one clerk, class four; two clerks, class three; one clerk, \$1,500; four clerks, class two; seven clerks, class one; eight clerks, at \$1,000 each; twelve clerks, at \$900 each; one messenger, \$840; three messengers, messenger boys, or laborers, at \$600 each; four messengers, messenger boys, or laborers, at \$480 each; one skilled laborer, \$900; five laborers or charwomen, at \$480 each; two laborers or charwomen, at \$240 each; in all, \$66,160.

GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS: To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories to be paid quarterly in advance, \$720,000;

To carry into effect the provisions of an Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment sta-

tions and regulating the expenditure thereof," the sums apportioned to the several States and Territories to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts, relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$40,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$110,000, as follows: Alaska, \$35,000, of which sum \$5,000 shall be immediately available: Hawaii, \$30,000; Porto Rico, \$30,000; and Guam, \$15,000, including not to exceed \$2,000 for the purchase of land; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and this fund shall be available until used;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$23,000;

In all, for general expenses, \$1,613,500.

NUTRITION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate the nutritive value of agricultural products used for human food, with special suggestions of plans and methods for the more effective utilization of such products for this purpose, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$16,000.

IRRIGATION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad, with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the

city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$108,000.

DRAINAGE INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$97,600.

Total for Office of Experiment Stations, \$1,901,260.

OFFICE OF PUBLIC ROADS.

SALARIES, OFFICE OF PUBLIC ROADS: One director, who shall be a scientist and have charge of all scientific and technical work, \$4,000; one chief clerk, \$1,900; one clerk; class four, two clerks, class three; one clerk, \$1,500; one clerk, \$1,440; one clerk or instrument maker, \$1,440; one clerk, \$1,380; two clerks, at \$1,320 each; four clerks, at \$1,260 each; three clerks, class one; one clerk or photographer, \$1,200; one clerk or photographer, \$1,000; two clerks, at \$1,140 each; one clerk, \$1,080; one clerk, \$1,020; four clerks, at \$1,000 each; one clerk, \$900; one clerk or instrument maker, \$1,200; one messenger or laboratory helper, \$840; two messengers, laborers, or laboratory helpers, at \$720 each; one messenger or laborer, \$660; four messengers, laborers, or messenger boys, at \$600 each; two messenger boys, at \$480 each; two charwomen, at \$240 each; in all, \$47,400.

GENERAL EXPENSES, OFFICE OF PUBLIC ROADS: For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, \$40,000;

For investigations of the best methods of road making and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, \$105,000;

For investigations of the chemical and physical character of road materials, \$30,000;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, \$45,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$12,000;

In all, for general expenses, \$232,000.

Total for Office of Public Roads, \$279,400.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

Total, Department of Agriculture, for routine and ordinary work, \$17,376,945.

MISCELLANEOUS.

And the Secretary of Agriculture is hereby authorized to continue investigations on the cost of food supplies at the farm and to the consumer, and to disseminate the result of such investigations in whatever manner he may deem best.

ENFORCEMENT OF THE INSECTICIDE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April twenty-sixth, nineteen hundred and ten, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$95,000.

FIGHTING AND PREVENTING FOREST FIRES IN EMERGENCY: For fighting and preventing forest fires in cases of extraordinary emergency, \$200,000, or so much thereof as may be necessary.

To enable the Secretary of Agriculture to meet the emergency caused by the continuous spread of the chestnut-bark disease by continuing the study of the nature and habits of the parasitic fungus causing the disease, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered, \$80,000, and the Secretary of Agriculture is hereby authorized to expend said appropriation in such manner as he shall deem best, in cooperation with the authorities of the States concerned or with individuals, and to pay all necessary expenses for the employment of investigators, local and special agents, experts, assistants, and all labor and other necessary expenses, including rent, in the District of Columbia and elsewhere, as may be required: *Provided*, That of this sum not exceeding \$10,000 shall be used in the study of the relation of insects to the chestnut-bark disease.

ENFORCEMENT OF THE PLANT QUARANTINE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August twentieth, nineteen hundred and twelve, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to estab-

lish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$40,000, of which sum \$10,000 shall be immediately available: *Provided*, That hereafter any class of nursery stock or of any other class of plants, fruits, vegetables, roots, bulbs, seeds, or other plant products of which the importation may be forbidden from any country or locality under the provisions of section seven of the plant quarantine Act approved August twentieth, nineteen hundred and twelve (Thirty-seventh Statutes, page three hundred and fifteen), may be imported for experimental or scientific purposes by the Department of Agriculture upon such conditions and under such regulations as the said Secretary of Agriculture may prescribe.

To enable the Secretary of Agriculture to effect an exchange of lands and indemnity rights with the State of Montana, \$25,000, to be available until expended when the said State shall have appropriated a like amount to be used in cooperation with the Forest Service for the aforesaid purpose: *Provided*, That such exchanges shall be made on the basis of approximately equal area and value.

To enable the Secretary of Agriculture to acquire and to diffuse among the people of the United States useful information on subjects connected with the marketing and distributing of farm products, and for the employment of persons and means necessary in the city of Washington and elsewhere, there is hereby appropriated the sum of \$50,000, of which sum \$10,000 shall be immediately available.

That nothing contained in the Act making appropriations to provide for the expenses of the Government of the District of Columbia for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes, approved June twenty-sixth, nineteen hundred and twelve, shall be so construed as to prohibit the payment from the appropriations for the Department of Agriculture of expenses incidental to the delivery of lectures, the giving of instruction, or the acquiring of information at meetings by its employees on subjects relating to the work of the department authorized by law.

That hereafter section seven of the Act approved August twenty-sixth, nineteen hundred and twelve (Thirty-seventh Statutes, page six hundred and twenty-six), and any amendments thereto, shall not apply to the payment, out of moneys appropriated or which may be hereafter appropriated in lump sum for the Department of Agriculture, for personal services of employees engaged in strictly scientific or technical work: *Provided*, That nothing contained herein shall be construed to authorize the transfer of any person employed at a specific salary and the payment of compensation from lump-sum appropriations at a rate greater than said specific salary.

And hereafter every officer or employee of the Department of Agriculture whose rate of compensation is specified herein shall receive compensation at the rate so specified.

To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry

Land Congress, to be held at Tulsa, Oklahoma, during the fiscal year ending June thirtieth, nineteen hundred and fourteen, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, including labor and all expenses in the city of Washington and elsewhere, \$20,000, to be immediately available.

For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams, under the provisions of section two of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$75,000: *Provided*, That any and all unused balance of the sum of \$200,000 heretofore appropriated by the Act of March first, nineteen hundred and eleven, to enable the Secretary of Agriculture to carry out the purposes mentioned in said section two, remaining unexpended July first, nineteen hundred and thirteen, shall continue available until the end of the fiscal year nineteen hundred and fifteen for the purpose for which it was appropriated.

That section nine of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-one), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," be amended to read as follows:

"That such acquisition by the United States shall in no case be defeated because of located or defined rights of way, easements, and reservations, which, from their nature will, in the opinion of the National Forest Reservation Commission and the Secretary of Agriculture, in no manner interfere with the use of the lands so encumbered, for the purposes of the Act: *Provided*, That such rights of way, easements, and reservations retained by the owner from whom the United States receives title, shall be subject to the rules and regulations prescribed by the Secretary of Agriculture for their occupation, use, operation, protection, and administration, and that such rules and regulations shall be expressed in and made part of the written instrument conveying title to the lands to the United States; and the use, occupation, and operation of such rights of way, easements, and reservations shall be under, subject to, and in obedience with the rules and regulations so expressed."

That the President of the United States shall appoint a commission composed of not more than seven persons who shall serve without compensation to cooperate with the American commission assembled under the auspices of the Southern Commercial Congress to investigate and study in European countries cooperative land-mortgage banks, cooperative rural credit unions, and similar organizations and institutions devoting their attention to the promotion of agriculture and the betterment of rural conditions, and for the purpose of its investigations the commission shall be authorized to incur and have paid upon the certificate of its chairman such expenses in the city of Washington and elsewhere for the payment of the salaries of employees,

clerks, stenographers, assistants and such other necessary expenses as the commission may deem necessary: *Provided*, That the total expenses incurred for all purposes shall not exceed the sum of \$25,000, and the said commission shall submit a report to Congress as early as practicable, embodying the results of its investigations and such recommendations as it may see fit to make.

Total carried by this bill for the Department of Agriculture, \$17,986,945.

Approved, March 4, 1913.